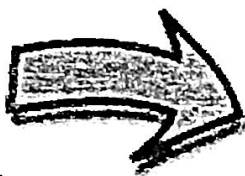
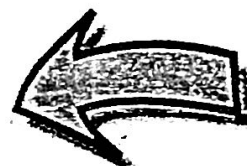


Name \_\_\_\_\_

## Input/Output Tables and Equations (EE.9)



0	3
1	4
2	5
3	6
4	7



Use the input/output table above:

- 1) If the input number is 8, what is the output number?
- 2) Write an algebraic equation (rule) that describes the output pattern.

Input $k$	Output
\$12	\$5
\$27	\$10
\$36	\$13
\$48	\$17

- 5) Christina keeps  $\frac{1}{3}$  of the tips she earns. Also, she gets \$1 each night to reimburse her parking fee. This information is shown in the input/output table above. Write an algebraic equation (rule) that describes the output pattern.
- 6) How much would Christina keep a night if she takes in \$96?
- 7) Mrs. Walker's classroom has a tile floor. The students are making stars to put in the center of 4-tile groups. The input/output table below shows the pattern. Write an algebraic equation (rule) that describes the output pattern.

Input $t$	Output
4	1
8	2
12	3